OK

PCT09

RAW SEQUENCE LISTING DATE: 09/24/2001
PATENT APPLICATION: US/09/830,652 TIME: 16:25:02

Input Set : A:\ES.txt
Output Set: N:\CRF3\09242001\I830652.raw

ENTERED

3 <110> APPLICANT: KONDO, Akihiro
4 SAGAWA, Hiroaki
5 MINENDO, Junichi
6 KIMIZUKA, Fusao
7 KATO, Ikunoshin
9 <120> TITLE OF INVENTION: Method of detecting a gene which is influenced by an environmental
10 endocrine
12 <130> FILE REFERENCE: KONDO=7
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/830,652
C--> 14 <141> CURRENT FILING DATE: 2001-04-30
14 <150> PRIOR APPLICATION NUMBER: US 09/830,652
15 <151> PRIOR FILING DATE: 2001-04-30
17 <150> PRIOR APPLICATION NUMBER: PCT/JP99/05964.
18 <151> PRIOR FILING DATE: 1999-10-28
20 <150> PRIOR APPLICATION NUMBER: JP 310285
21 <151> PRIOR FILING DATE: 1998-10-30
23 <160> NUMBER OF SEQ ID NOS: 62
25 <170> SOFTWARE: PatentIn version 3.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 19
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify Smad3 mRNA.
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37 caggtgtccc atcggaagg 19
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 22
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify Smad3 mRNA.
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53 <211> LENGTH: 20
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57 <220> FEATURE:
58 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify VEGF receptor mRNA.
60 <400> SEQUENCE: 3
61 tacaagatcg acgttagctc 20
63 <210> SEQ ID NO: 4
64 <211> LENGTH: 20
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence

68 <220> FEATURE:

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69 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify VEGF receptor mRNA.
71 <400> SEQUENCE: 4
72 cagccaaatt cacagttaaa 20
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75 <211> LENGTH: 24
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify ACTR mRNA.
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83 gctttgaaga tataatccga aggt 24
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 25
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify ACTR mRNA.
93 <400> SEQUENCE: 6
94 ggcctggtga tgacagagta gataa 25
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 24
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify N-CoR/SMRT mRNA.
104 <400> SEQUENCE: 7
105 tatggaggac cctatgaaag tgta 24
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 25
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify N-CoR/SMRT mRNA.
115 <400> SEQUENCE: 8
116 ttacgaccat gttctactag acctt 25
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 20
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify efp mRNA.
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127 cgccgtgaag acgtgcttgg 20
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 25
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify efp mRNA.

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145 <220> FEATURE:
146 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify c-Myc-1 mRNA.
148 <400> SEQUENCE: 11
149 cgccaagctc gtctca 16
151 <210> SEQ ID NO: 12
152 <211> LENGTH: 20
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify c-Myc-1 mRNA.
159 <400> SEQUENCE: 12
160 tcaactgttc tcgtcgtttc 20
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 21
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify vitamin D receptor mRNA.
170 <400> SEQUENCE: 13
171 caaacgctgt gtggacatcg g 21
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 23
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify vitamin D receptor mRNA.
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182 ttctggatca tcttggcata gag 23
185 <210> SEQ ID NO: 15
186 <211> LENGTH: 20
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify c-Myc-2 mRNA.
193 <400> SEQUENCE: 15
194 gtagtaattc cagcgagagg 20
196 <210> SEQ ID NO: 16
197 <211> LENGTH: 19
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify c-Myc-2 mRNA.
204 <400> SEQUENCE: 16

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212 <220> FEATURE:
213 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify Bax mRNA.
215 <400> SEQUENCE: 17
216 tgttttctga cggcaacttc 20
218 <210> SEQ ID NO: 18
219 <211> LENGTH: 17
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify Bax mRNA.
226 <400> SEQUENCE: 18
227 gagcactccc gccacaa 17
229 <210> SEQ ID NO: 19
230 <211> LENGTH: 19
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify JNK1 mRNA.
237 <400> SEQUENCE: 19
238 gagcagaagc aagcgtgac 19
240 <210> SEQ ID NO: 20
241 <211> LENGTH: 20
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify JNK1 mRNA.
248 <400> SEQUENCE: 20
249 gacattgatg tacgggtgtt 20
251 <210> SEQ ID NO: 21
252 <211> LENGTH: 17
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify p38 mRNA.
259 <400> SEQUENCE: 21
260 gtgcccgagc gttacca 17
262 <210> SEQ ID NO: 22
263 <211> LENGTH: 20
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify p38 mRNA.
270 <400> SEQUENCE: 22
271 aaagttcatc ttcggcatct 20

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PATENT APPLICATION: US/09/830,652 TIME: 16:25:02

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273 <210> SEQ ID NO: 23
274 <211> LENGTH: 20
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify TRIP 1 mRNA.
281 <400> SEQUENCE: 23
282 aaatgctaaa gttcgcctat 20
284 <210> SEQ ID NO: 24
285 <211> LENGTH: 18
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify TRIP 1 mRNA.
292 <400> SEQUENCE: 24
293 acatggactc gccgttct 18
295 <210> SEQ ID NO: 25
296 <211> LENGTH: 18
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify ARA 70 mRNA.
303 <400> SEQUENCE: 25
304 agttgcataa gccgtcac 18
306 <210> SEQ ID NO: 26
307 <211> LENGTH: 20
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify ARA 70 mRNA.
314 <400> SEQUENCE: 26
315 actagccaat ctgataggtc 20
317 <210> SEQ ID NO: 27
318 <211> LENGTH: 20
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify insulin receptor mRNA.
325 <400> SEQUENCE: 27
326 gctgccacca atacgtcatt 20
328 <210> SEQ ID NO: 28
329 <211> LENGTH: 19
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Designed oligonucleotide primer to amplify insulin receptor mRNA.
336 <400> SEQUENCE: 28
337 gcatcctgcc catcgaact 19
339 <210> SEQ ID NO: 29

VERIFICATION SUMMARY DATE: 09/24/2001
PATENT APPLICATION: US/09/830,652 TIME: 16:25:03

Input Set : A:\ES.txt
Output Set: N:\CRF3\09242001\I830652.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date